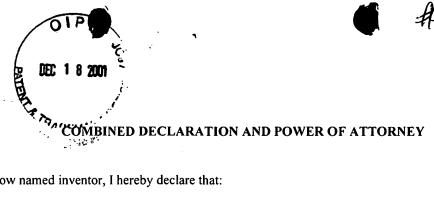


Docket No. TI-31357



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and I verily believe that I am

| the origin | nal, first and sole inve | entor if only one name is listed below, or an original, first and | joint inventor if plural inventors |
|------------|--------------------------|---|-------------------------------------|
| are name | ed below, of the subje | ect matter which is claimed and for which a patent is sought | on the invention entitled: TLB |
| Operation | ons Based on Shared | Bit, which: | |
| | (a) <u>X</u> | is attached hereto. I hereby authorize any practitioner a | t Customer No. 23494, of Texas |
| Instrume | nts Incorporated, to in | nsert in paragraph (b) below, the filing date and application i | number of said application when |
| known. | | | / |
| | (b) <u>X</u> | was filed on August 17, 2001 as Serial No | 1932,319 |
| | (c) | was described and claimed in PCT International Appl | ication No. |
| | | and as amended under PCT Article 19 on | |
| | I have reviewed and | understand the contents of the above identified specification, | including the claims as amended |
| by any ar | mendment specifically | referred to in the oath or declaration; | |
| | No application for p | patent or inventor's certificate on this invention has beer | n filed by me or by my legal |
| represent | tatives or assigns in an | y country foreign to the United States of America, except as f | ollows: |
| | EU, 00402331.3, filed | d on 8/21/00; EU, 01401218.1, filed on 5/11/01. I hereby cla | im benefit under Title 35, United |
| States Co | ode Section 119(a) of | any foreign applications listed above. | |
| | I acknowledge the o | duty to disclose information which is material to the pate | entability of this application in |
| accordan | ce with Title 37, Code | e of Federal Regulations Section 1.56(a); | |
| | I hereby claim that be | enefit under Title 35, United States Code Section 119(e)(1) c | of any United States applications |
| listed bel | low and, insofar as th | e subject matter of each of the claims of this application is | not disclosed in the prior United |
| States ap | plication in the manne | er provided by the first paragraph of Title 35, United States C | ode, Section 112, I acknowledge |
| the duty | to disclose material in | formation as defined in Title 37, Code of Federal Regulations | , Section 1.56(a) which occurred |
| between | the filing date of the p | orior application and the national or PCT international filing da | ate of this application: |
| | Serial No. n/a, filed o | on n/a. | |
| | As a named inventor, | I hereby appoint the following attorneys to prosecute this app | olication and transact all business |
| in the Det | tant and Tradamanic O | ffice composted therewith. | |

 \boxtimes Practitioners at Customer Number: 23494 Send correspondence and direct telephone calls to:
Gerald E. Laws
Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, Texas 75265
(972) 917-5287

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

Name of Inventor:

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Date: X Aug 28, 2001

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Country of Citizenship:

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Inventor's signature:

 \times